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Approved For Release 6/20/2005 : CIA-RDP78T04743A000100050061-2

G-MB - 516/63  
14 August 1963

MEMORANDUM FOR: Chief, Geographic Division, ORR

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ATTENTION : [REDACTED]  
FROM : Chief, CIA/PID (NPIC)  
SUBJECT : Pao-tou Area Study  
REFERENCE : Requirement No. C-RR3-80,420 (Project No. C 1030-63)

1. In response to Requirement No. C-RR3-80,420 (C 1030-63), a study was made of available aerial photography of the area within a 15 nm radius of Pao-tou (40 36N-110 57E) in order to locate drop zones, routes of march, military activity, industrial installations, transportation facilities and reservoirs.

2. The selection of suitable drop zones in the immediate area of the possible Pao-tou Plutonium Production Facility (referred to hereafter as PLANT), located 5 nm NW of Pao-tou at 40 40N-110 57E (U.S. Air Target Chart--Series 200, 0288-22AL, 1st edition, March, 1960), is restricted by the general widespread existence of high voltage transmission lines. In an effort to locate drop zones affording rapid and easy access to the target area (the plutonium plant), GMB has selected the following four drop zones:

DZ-1 0.7 nm north of RP  
DZ-2 1.3 nm NE of RP  
DZ-3 1.4 nm SE of RP  
DZ-4 1.4 nm south of RP

(Reference point for DZ distance and direction is the center of the plant.)

The four drop zones uniformly consist of treeless, level areas each covering a circular area approximately one nm in diameter (see Mosaic No. 2). Because of the power lines throughout the area caution should be exercised in the use of any of the DZ's. Unfavorable terrain and habitation precluded selection of drop zones at a distance farther from the plant than the four drop zones shown on Mosaic No. 2. DZ-2 appears free of any power/commo lines, DZ-1 and DZ-3 are bracketed by high voltage transmission lines, and DZ-4 is traversed by power/commo lines (see Photos 1, 2, and 3). The selection DZ-1 is based on the possible need for immediate access to commo lines emanating from the plant.

Declass Review by NGA.

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3. Aside from small villages located generally 0.5 to one nm from the drop zones, the one installation of probable significance in any operation against the plant is the possible security housing area located 0.9 nm WSW of the plant at 40 40N-109 56E (see Photo 4).

4. The recommended route of travel from the plant to Pao-tou Airfield is approximately 6 nm (see Mosaic No. 2). Alternate routes, either across a bridge or fording a stream, are shown for the near approach to the NW end of the runway. No cover or concealment is available along the route of travel between the plant and the airfield.

5. The industrial, transportation, and military facilities within the Pao-tou area, with the exception of the Housing Area at the Tu-ko-ma-ching Test Range (see Photo 8), are annotated on the accompanying graphics (see Mosaics Nos. 1A and 1B with corresponding lists of annotations).

6. No annotated map of the Pao-tou operational area was prepared because of the lack of reliable base map coverage and the short deadline involved.

7. Forwarded for your retention are a total of 9 mosaics, including 3 annotated mosaics (CIA/PID/GMB/P-3328/63 thru P-3330/63, copy 1) and 6 unannotated mosaic (CIA/PID/GMB/P-3328/63 thru P-3330/63, copies 2 and 3), a total of 24 photo enlargements consisting of 8 annotated photo enlargements (CIA/PID/GMB/P-3331/63 thru P-3333/63, copy 1) and 16 unannotated photo enlargements (CIA/PID/GMB/P-3334/63 thru P-3338/63, copies 2 and 3), and two lists of annotations.

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8. The photo analysis on this project was performed by [redacted] CIA/PID/GMB (MPIC), who may be contacted on [redacted] for any additional information.

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[redacted]

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**ENCLOSURES:**

- 9 Mosaics, including 3 Annotated mosaics (CIA/PID/GMB/P-3328/63 thru P-3330/63, copy 1).
- 6 Unannotated mosaic (CIA/PID/GMB/P-3328/63 thru P-3330/63, copies 2 and 3).
- 24 Photo enlargements consisting of 8 annotated photo enlargements (CIA/PID/GMB/P-3331/63 thru P-3333/63, copy 1).
- 16 Unannotated photo enlargements (CIA/PID/GMB/P-3334/63 thru P-3338/63, copies 2 and 3).
- 2 Lists of annotations.

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